

In one embodiment, the invention is an apparatus. The apparatus includes a first drain bias network having an input suitable to couple to a FLASH cell. The apparatus also includes a second drain bias network having an input suitable to couple to a FLASH cell. The apparatus further includes an equalization circuit having a first node coupled to the input of the first drain bias network and having a second node coupled to the input of the second drain bias network and having a control signal to control operation of the equalization circuit.

Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 1.5
Gender (male/female)	10/10
Education (years)	12.0 ± 1.0
Occupation (white/blue)	10/10
Marital status (married/divorced/widowed)	10/10/0
Smoking status (smoker/nonsmoker)	10/10
Alcohol consumption (yes/no)	10/10
Comorbidities (hypertension/diabetes/cholesterol)	10/10/10
Medication (antihypertensive/antidiabetic/anticholesterol)	10/10/10
Physical activity (yes/no)	10/10
Stress level (low/moderate/high)	10/10/10
Sleep quality (good/poor)	10/10
Depression score (0-10)	10/10
Overall health (good/poor)	10/10